## ABSTRACT OF THE DISCLOSURE

A mail server site and a method in a mail server site provide mobile e-mail services to mobile stations connected to a digital radio communication network. Furthermore, a method in a mobile station utilizes the mobile e-mail services provided by the inventive mail server site. The mail server site includes a mail server host operating in accordance with POP3- or IMAP4-like protocols with respect to the usage of unique identifiers (UIDs) for identifying e-mail messages stored by the mail server host. Modified UIDs are allocated to e-mails received by the mail server site and transmitted to mobile mail clients using a short message based service. When the mail server host communicates with these mail clients, these modified UIDs will be used in the same way as conventional UIDs are used within the scope of a POP3 or IMAP4 protocol.

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